



PTO/SB/08a (08-03)

Approved for use through 08/30/2008. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary) Sheet 1 Of 3		<b>Complete if Known</b> Application Number 10/774,245 Filing Date February 6, 2004 First Named Inventor Paul Hepworth Group Art Unit 2876 Examiner Name DANIEL HESS Attorney Docket Number 3271.2.25	
--	--	---	--

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
[Signature]	U1	US-3,513,320	05/19/1970	Weldon	
	U2	US-4,488,679	12/18/1984	Bockholt et al.	
	U3	US-4,654,718	03/31/1987	Sueyoshi	
	U4	US-4,752,675	06/21/1988	Zetmeir	
	U5	US-4,896,029	01/23/1990	Chandler et al.	
	U6	US-4,958,064	09/18/1990	Kirkpatrick	
	U7	US-4,998,010	03/05/1991	Chandler et al.	
	U8	US-5,047,614	09/10/1991	Bianco	
	U9	US-5,113,445	05/12/1992	Wang	
	U10	US-5,153,418	10/06/1992	Batterman et al.	
	U11	US-5,159,635	10/27/1992	Wang	
	U12	US-5,189,292	02/23/1993	Batterman et al.	
	U13	US-5,223,701	06/29/1993	Batterman et al.	
	U14	US-5,343,028	08/30/1994	Figarella et al.	
	U15	US-5,352,878	10/04/1994	Smith et al.	
	U16	US-5,412,196	05/02/1995	Surka	
	U17	US-5,428,211	06/27/1995	Zheng et al.	
	U18	US-5,438,188	08/01/1995	Surka	
	U19	US-5,465,291	11/07/1995	Barrus et al.	
	U20	US-5,478,999	12/26/1995	Figarella et al.	
	U21	US-5,483,052	01/09/1996	Smith, III et al.	
	U22	US-5,493,105	02/20/1996	Desai	
	U23	US-5,545,887	08/13/1996	Smith et al.	
	U24	US-5,604,640	02/18/1997	Zipf et al.	
	U25	US-5,612,527	03/18/1997	Ovadia	
	U26	US-5,804,803	09/08/1998	Cragun et al.	
	U27	US-5,869,819	02/09/1999	Knowles et al.	

Examiner Signature [Signature]	Date Considered 10/3/05
--------------------------------	-------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.


This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 and selection option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1448A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete If Known</b>	
		Application Number	10/774,245
		Filing Date	February 6, 2004
		First Named Inventor	Paul Hepworth
		Group Art Unit	2876
		Examiner Name	DANIEL HESS
		Attorney Docket Number	3271.2.25

U28	US-5,903,729	05/11/1999	Reber et al.	
U29	US-5,905,251	05/18/1999	Knowles	
U30	US-5,905,248	05/18/1999	Russell et al.	
U31	US-5,933,634	08/03/1999	Enokido et al.	
U32	US-5,933,829	08/03/1999	Durst et al.	
U33	US-5,938,726	08/17/1999	Reber et al.	
U34	US-5,978,773	11/02/1999	Hudetz et al.	
U35	US-5,992,752	11/30/1999	Wilz, Sr. et al.	
U36	US-6,012,102	01/04/2000	Shachar	
U37	US-6,027,024	02/22/2000	Knowles	
U38	US-6,032,195	02/29/2000	Reber et al.	
U39	US-6,068,188	05/30/2000	Knowles	
U40	US-6,076,733	06/20/2000	Wilz, Sr. et al.	
U41	US-6,098,106	08/01/2000	Philyaw et al.	
U42	US-6,108,656	08/22/2000	Durst et al.	
U43	US-6,138,151	10/24/2000	Reber et al.	
U44	US-6,154,738	11/28/2000	Call	
U45	US-6,377,986	04/23/2002	Philyaw et al.	
U46	US-6,384,744	05/07/2002	Philyaw et al.	
U47	US-2002-0144017-A1	10/03/2002	Hepworth et al.	
U48	US-2002/0147743 A1	10/10/2002	Le et al.	
U49	US-2002-0152241-A1	10/17/2002	Hepworth et al.	
U50	US-2002-0149793-A1	10/17/2002	Hepworth et al.	
U51	US-6,535,883 B1	03/18/2003	Lee et al.	
U52	US-6,564,249 B2	05/13/2003	Shiigi	
U53	US-6,584,601 B1	06/24/2003	Kodosky et al.	
U54	US-2003-0163396-A1	08/28/2003	Blankevoort et al.	
U55	US-2003-0163800-A1	08/28/2003	Zhou et al.	
U56	US-10/420,527	NA	Hepworth et al.	

Examiner Signature		Date Considered	10/3/05
-----------------------	---	--------------------	---------

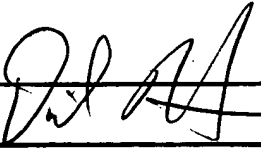
**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 and selection option 2.

Substitute for form 1448A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete If Known</b>	
		Application Number	10/774,245
		Filing Date	February 6, 2004
		First Named Inventor	Paul Hepworth
		Group Art Unit	2876
		Examiner Name	DANIEL HEISS
		Attorney Docket Number	3271.2.25
Sheet	3	Of	3

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
DA	F1	WO99/04326	01/28/1999	Durst, Jr. et al.		
	F2	WO98/49813	11/05/1998	Parry		
	F3	WO98/40823	09/17/1998	Kikinis		
	F4	WO98/24036	06/04/1998	Wilz, Sr. et al.		
	F5	EP0837406A2	04/22/1998	Barkan et al.		
	F6	WO98/06055	02/12/1998	Rapaport et al.		
	F7	WO98/03923	01/29/1998	Kraftsow et al.		

Examiner Signature		Date Considered	10/3/05
-----------------------	---	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

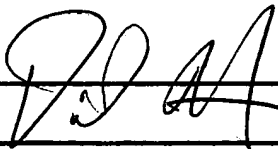
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 and selection option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/774,245
		Filing Date	February 6, 2004
		First Named Inventor	Paul Hepworth
		Group Art Unit	2876
		Examiner Name	DANIEL HESS
		Attorney Docket Number	3271.2.25
Sheet	1	Of	1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
7/20/04	O1	"Punched Cards to Bar Codes," Benjamin Nelson, Helmers Publishing, Inc. 1997, pp. 1-16	
↓	O2	"MiniCode," <a href="http://www.omniplanar.com/minicode.html">http://www.omniplanar.com/minicode.html</a> , pp. 1-10, 05/17/1999	

Examiner Signature		Date Considered	10/3/05
-----------------------	---	--------------------	---------

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 and selection option 2.